



PTO-1449				Atty. Docket No. IR-2588(ET)CIP		Serial No. 09/772,157	
LIST OF RELATED ART CITED BY APPLICANT (Use several sheets if necessary)				Inventor <b>Tokas, et al.</b>			
				Filing Date 1/29/01		Group 1733	
U.S. PATENT DOCUMENTS							
*Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
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	AE						
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	AG						
	AH						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO
	AL	EP 0 424 833	5/91	EPO			
	AM						
	AN						
	AO						
	AP						
OTHER RELATED ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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EXAMINER <i>OrKnoble</i>				DATE CONSIDERED <i>10/16/2004</i>			
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PATENT & TRADEMARK OFFICE

SHEET 1 OF 4

# INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.  
031221-046

APPLICATION NO.  
09/772,157

APPLICANT  
Edward F. Tokas et al.

FILING DATE  
January 29, 2001

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AUG 15 2001  
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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
GK	6,020,443	Feb.2000	Woodson et al.	—	—	
GK	5,969,170	Oct.1999	Grubbs et al.	—	—	
GK	5,939,504	Aug.1999	Woodson, Jr. et al.	—	—	
GK	5,932,664	Aug.1999	Chen et al.	—	—	
GK	5,880,231	Mar.1999	Grubbs et al.	—	—	
GK	5,849,851	Dec.1998	Grubbs et al.	—	—	
GK	5,840,238	Nov.1998	Setiabudi et al.	—	—	
GK	5,728,785	Mar.1998	Grubbs et al.	—	—	
GK	5,609,962	Mar.1997	Ouhadi	—	—	
GK	5,539,060	Jul.1996	Tsunogae et al.	—	—	
GK	5,491,206	Feb.1996	Brown-Wensley et al.	—	—	
GK	5,342,909	Aug.1994	Grubbs et al.	—	—	
GK	5,312,940	May1994	Grubbs et al.	—	—	
GK	5,137,785	Aug.1992	Suzuki et al.	—	—	
GK	5,073,597	Dec.1991	Puydak et al.	—	—	
GK	5,069,962	Mar.1997	Okazaki et al.	—	—	
GK	4,902,560	Feb.1990	Silver	—	—	
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GK	4,727,215	Feb.1998	Schrock	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

G. Khabib

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10/16/2004

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SHEET 2 OF 4

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
GR	00/46257	Aug.2000	WO	—	—		
GR	97/38036	Oct.1997	WO	—	—		
GR	96/23829	Aug.1996	WO	—	—		
GR	96/16008	May1996	WO	—	—		
GR	96/16100	May1996	WO	—	—		
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GR	Ahmed, M., et al., "A recyclable 'boomerang' polymer-supported ruthenium catalyst for olefin metathesis", <i>Tetrahedron Let.</i> , 40: 8657-8662 (Elsevier Science Ltd.) 1999.
GR	Amoroso, D. and Fogg, D. E., "Ring-Opening Metathesis Polymerization via Ruthenium complexes of chelating Diphosphines", <i>Macromolecules</i> , 33: 2815-2818 (Published on web 03/31/2000 by Am. Chem. Soc.) 2000.
GR	Bartz, M., et al., "Colloid-Bound Catalysts for Ring-Opening Metathesis Polymerization: A Combination of Homogenous and Heterogeneous Properties", 37(18): 2466-2468 (Agnew. Chem. Int. Ed.) 1998.
GR	Bazan, G. C., et al., "Living Ring-Opening Metathesis Polymerization of 2,3-Disubstituted 7-Oxanorgonenes and 7-Oxanorbornadienes by Mo(CHCMe <sub>2</sub> R)(N-2,6-C <sub>6</sub> H <sub>3</sub> -i-Pr <sub>2</sub> (O-t-BU) <sub>2</sub> and Mo(CHCMe <sub>2</sub> R)(N-2,6-C <sub>6</sub> H <sub>3</sub> -i-Pr <sub>2</sub> )OCMe <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> " <i>J. Am. Chem. Soc.</i> , 113: 6899-6907 (Am. Chem. Soc.) 1991.
GR	Belderrain, T. R., and Grubbs, R. H., "Reaction between Ruthenium (0) Complexes and Dihalo Compounds, A New Method for the Synthesis of Ruthenium Olefin Metathesis Catalysts", <i>Organometallics</i> , 16: 4001-4003 (Am. Chem. Soc.) 1997.
GR	Dias, E. L., and Grubbs, R. H., "Synthesis and Investigation of Homo- and Heterobimetallic Ruthenium Olefin Metathesis Catalysts Exhibiting Increased Activities", <i>Organometallics</i> , 17: 2758-2767 (Am. Chem. Soc., Publ. on Web 5/28/99) 1998.
GR	Fürstner, A., et al., "Coordinatively unsaturated ruthenium allenylidene complexes: highly effective, well defined catalysts for the ring-closure metathesis of $\alpha$ -(1)-dienes and diynes", <i>J. Chem. Soc., Chem. Commun.</i> , 601-602, 1999.

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G. Knable

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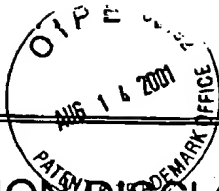
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U.S. PATENT DOCUMENTS				GROUP 1753		FILING DATE	
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
GK			Hansen, S. M., et al., "A New Class of Ruthenium Carbene Complexes: Synthesis and Structures of Highly Efficient Catalysts for Olefin Metathesis**", <i>Angew. Chem. Int. Ed.</i> , 38(9): 1273-1276 (Wiley-VCH, Weinheim) 1999.				
GK			"Improving Adhesion Between Poly(Dicyclopentadiene) and Carbon Fiber", <i>Research Disclosure</i> , 810: 34301, Nov., 1992.				
GK			Ivin, K. J., and Mol, J. C., "Olefin Metathesis and Metathesis Polymerization", (Acad. Press) 294-330, 1997.				
GK			Kingsbury, J. S., et al., "A Recyclable Ru-Based Metathesis Catalyst", <i>J. Am. Chem. Soc.</i> , 121: 791-799 (Am. Chem. Soc., Publ. On Web 01/15/99) 1999.				
GK			Lynn, D. M., et al., "Water-Soluble Ruthenium Alkylidenes: Synthesis, Characterization, and Application to Olefin Metathesis in Protic Solvents", <i>Am. Chem. Soc.</i> , 122: 6601-6609 (Am. Chem. Soc., Publ. On Web. 6/30/00) 2000.				
GK			Mohr, B., et al., "Synthesis of water-Soluble, Aliphatic Phosphines and Their Application to Well-Defined Ruthenium Olefin metathesis Catalysts", <i>Organometallics</i> , 15: 4317-4325, 1996.				
GK			Nguyen, S. T. and Grubbs, R. H., "Synthesis and Activities of New Single-Component, Ruthenium-Based Olefin Metathesis Catalysts", <i>J. Amer. Chem. Soc.</i> , 115: 9858-9859 (Am. Chem. Soc.)1993.				
GK			Olivan, M. and Caulton, K. G., "The first double oxidative addition of CH <sub>2</sub> CO <sub>2</sub> to a metal complex: facile synthesis of [Ru(CH <sub>2</sub> Cl <sub>2</sub> {P(C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> }) <sub>2</sub> ]", <i>Chem. Commun.</i> , 1733-1734, 1997.				
GK			Robson, D. A., et al., "(Communications to the Editor) A New and Highly Efficient Grubbs Initiator for Ring-Opening metathesis Polymerization", <i>Macromolecules</i> , 32: 6371-6373 (Am. Chem. Soc., Publ on Web 08/31/99)1999.				
GK			Sanford, M. S., et al., "Ruthenium-Based Four-coordinate Olefin Metathesis Catalysts**", <i>Angew. Chem. Int. Ed.</i> , 39(19): 3451-3453 (Wiley-VCH, Weinheim) 2000.				
GK			Scholl, M., et al., "Increased Ring Closing Metathesis Activity of Ruthenium-Based Olefin Metathesis catalysts Coordinated with Imidazolin-2ylidene Ligands", <i>Tetrahedron Lett.</i> , 40: 2247-2250 (Elsevier Sci. Ltd) 1999.				
EXAMINER				DATE CONSIDERED			
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SHEET 4 OF 4

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

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GK	Scholl, M., et al., "Synthesis and Activity of a New Generation of Ruthenium-Based Olefin Metathesis Catalysts Coordinated with 1,3-Dimesityl-4,5-dihydroimidazol-2-ylidene Ligands", <i>Organic Lett.</i> , 1(6): 953-956 (Am. Chem. Soc., Pub. on Web 08/13/99)1999.		
GK	Schwab, P., et al., "Synthesis and Applications of $\text{RuCl}_2(=\text{CHR})(\text{PR}_3)_2$ : The Influence of the Alkyliden Moiety on Metathesis Activity", <i>J. Amer. Chem. Soc.</i> , 118: 100-110 (Am. Chem. Soc.) 1996.		
GK	Schwab, P., et al., "A Series of Well-Defined Metathesis Catalysts-Synthesis of $[\text{RuCl}_2(=\text{CHR})(\text{PR}_3)_2]$ and Its Reactions**]", <i>Angew. Chem. Int. Ed.</i> , 34(18): 2039-2041 (VCH Verlagsgesellschaft, Weinheim)1995.		
GK	Skeist, Ph.D., I, "Cyanoacrylate Adhesives", <i>Handbook of Adhesives</i> , 3 <sup>rd</sup> Ed., 470-476 (Chapman & Hall) 1990.		
GK	Ulman, M., et al., "A series of ruthenium(II) ester-carbene complexes as olefin metathesis initiators: metathesis of acrylates†", <i>Tetrah. Lett.</i> , 4689-4693 (Elsevier Sci. Ltd.) 2000.		
GK	Weck, M., et al, "Ring-Opening Metathesis Polymerization from Surfaces", <i>Polymeric Materials Science and Engineering</i> , 79: 72-75 (American Chemical Society) 1998.		
GK	Weck, M., et al., "Ring-Opening Metathesis Polymerization from Surfaces", <i>J. Am. Chem. Soc.</i> , 121: 4088-4089, 1999.		
GK	Weskamp, T., et al., "A Novel Class of Ruthenium Catalysts for Olefin Metathesis***", <i>Angew. Chem. Int. Ed.</i> , 37(18): 2490-2493 (Wiley-VCH Verlag, Weinheim) 1998.		
GK	Wolf, J., et al., "Ruthenium Trichloride, Tricyclohexyl-phosphane, 1-Alkynes, Magnesium, Hydrogen, and Water-Ingredients of an Efficient One-Pot Synthesis of ruthenium Catalysts for Olefin Metathesis", <i>Angew. Chem. Int. Ed.</i> , 37(8): 1124-1126 (Wiley-VCH Verlag, Weinheim) 1998.		
EXAMINER	G. Knable	DATE CONSIDERED	10/16/2004

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IR-2588(ET)CIPSerial No.  
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**LIST OF RELATED ART CITED BY  
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(Use several sheets if necessary)

Inventor **Tokas, et al.**Filing Date  
1/29/01Group  
1733**U.S. PATENT DOCUMENTS**

Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	FILING DATE IF APPROPRIATE
GK	AA	5,603,985	2/97	Kent	—	—	
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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO	
GK	AL	EP 0 889 107 A	1/99	EPO	—	—		
GK	AM	EP 0 381 611 A	8/90	EPO	—	—		
GK	AN	EP 0 063 092 A	10/82	EPO	—	—		
	AO							
	AP							

**OTHER RELATED ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

GK	AR	Namyong, Y. Kim, E.A. "Surface-Initiated Ring-Opening Metathesis Polymerization on Si/SiO <sub>2</sub> ,"					
		Macromolecules, vol. 33, no. 8, 18 April 2000, pgs. 2793-2795					
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